METHODOLOGY FOR IMPROVING TCP THROUGHPUT OVER LOSSY COMMUNICATION LINKS

ABSTRACT

The present invention relates to a system and method for improving TCP throughput over lossy communication links without affecting performance over non-lossy links comprising:

- means for determining lookahead-loss which is the number of lost packets in a given **loss-window.**

- means for using **said loss-window** and said lookahead loss to detect congestion in said communication links, and

- means for controlling transmission under congestion conditions as well as under normal conditions.

The instant invention also provides a configured computer program product for carrying out the above method.